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Morbidity and Mortality Weekly Report

PUBLIC HEALTH SERVICE
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 4, 1961

Poliomyelitis – There has been a sharp decrease in the number of poliomyelitis cases reported during the current week ending November 4. A total of 36 cases, 21 paralytic, was reported compared to the total of 51 cases, 37 paralytic, reported the preceding week. During the corresponding week in 1960, a total of 88 cases, including 65 paralytic, was reported.

Paralytic cases reported thus far in 1961 constitute 38 percent of those reported during this similar period in 1957 and 1960, the previous low years. This is shown in column 2.

Polio (Cumuloted Weekly) Through the 44th Week
For Post Five Yeors

Porolytic	1961	1960	1959	1958	1957
	751	1997	5044	2585	1954
Total	1169	2886	7671	5200	5574

Only New York, with 5 paralytic cases, reported more than 2 paralytic cases during the current week. The 5 paralytic cases in New York were from four different counties. Two cases were reported from Ostego County and one each from Jefferson, Oneida, and Montgomery Counties.

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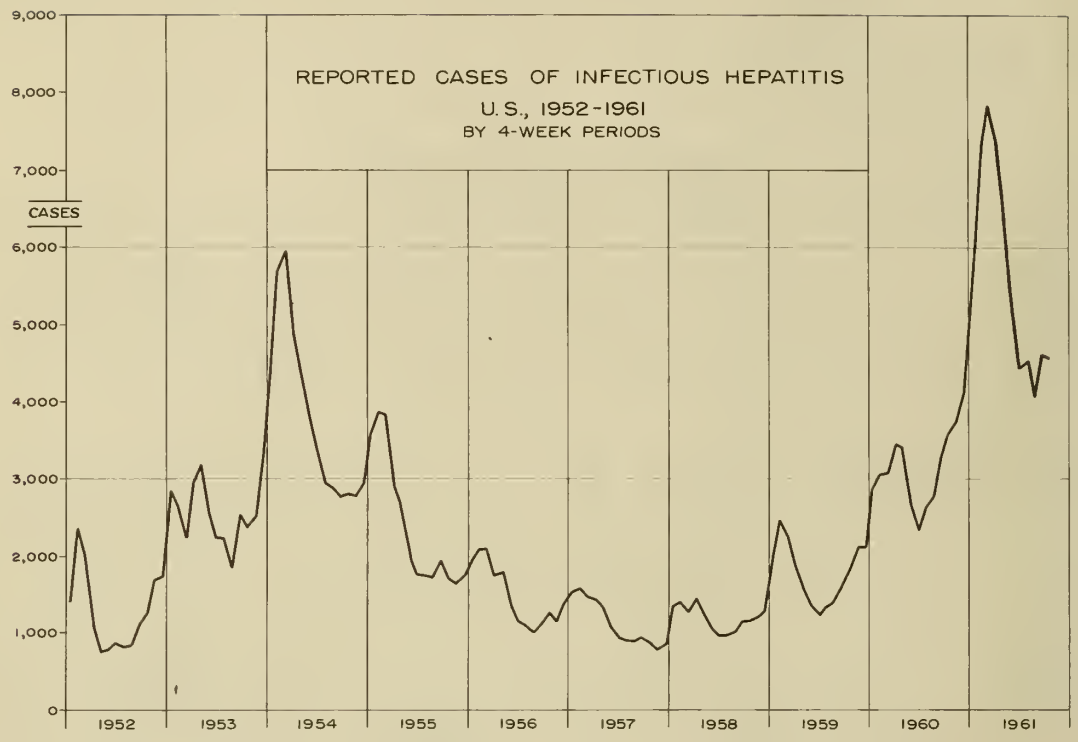
Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	44th Week			Cumulative						Approximate seasonal low point
				First 44 weeks			Since seasonal low week			
	Ended Nov. 4, 1961	Ended Nov. 5, 1960	Median 1956-60	1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
Anthrax-062	-	-	*	6	15	*	*	*	*	*
Botulism-049.1	-	-	*	5	10	*	*	*	*	*
Brucellosis (undulant fever)-044	8	10	11	498	667	692	*	*	*	*
Diphtheria-055	14	51	38	484	626	708	175	281	311	July 1
Encephalitis, infectious-082	39	29	54	1,433	1,628	1,838	1,433	1,628	1,838	Jan. 1
Hepatitis, infectious, and serum-092,N998.5 pt.	1,112	925	325	62,993	33,047	16,662	10,175	7,374	2,625	Sept. 1
Malaria-110-117	1	1	*	51	61	*	*	*	*	*
Measles-085	1,787	1,432	1,611	394,853	409,089	456,456	9,225	9,041	9,990	Sept. 1
Meningitis, aseptic-340 pt.	67	72	---	2,788	2,646	---	2,788	2,646	---	Jan. 1
Meningococcal infections-057	60	47	46	1,829	1,875	2,097	314	337	360	Sept. 1
Poliomyelitis-080	36	88	180	1,169	2,886	5,562	1,066	2,676	5,034	Apr. 1
Paralytic-080.0,080.1	21	65	136	751	1,997	1,944	691	1,834	1,669	Apr. 1
Nonparalytic-080.2	13	11	34	284	589	2,722	259	564	2,561	Apr. 1
Unspecified-080.3	2	12	10	134	300	896	116	278	804	Apr. 1
Psittacosis-096.2	-	3	*	54	87	*	*	*	*	*
Rabies in man-094	-	-	*	3	2	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-050,051	4,822	4,597	---	268,482	259,664	---	49,271	---	---	Aug. 1
Typhoid fever-040	24	18	20	706	722	907	592	591	727	Apr. 1
Typhus fever, endemic-101	-	1	*	37	57	*	*	*	*	*
Rabies in animals	53	52	55	2,931	2,985	3,701	297	214	302	Oct. 1

* Weekly incidence low or sporadic
--- Data not available
- Quantity zero



The 9 cases of nonparalytic poliomyelitis reported by Maryland represent delayed reports. Of the 9 cases, 2 had onset in July, 5 in August and 2 in September. Type III poliovirus was isolated from 8 of the 9 cases.

Hepatitis – The number of cases of hepatitis reported for the 44th week was approximately the same as had been reported the preceding week. There has been little change in the number of cases that has been reported weekly for the past four months. A total of 1,112 cases was reported for the 44th week while 1,121 cases had been reported the preceding week. Hepatitis morbidity from 1952 through the 44th week of 1961 is shown in the figure at the top of page 2.

Diphtheria – Diphtheria morbidity continues at a low level with 14 cases reported for the week ending November 4. Fifty-one cases had been reported for the comparable week in 1960. Twelve of the 14 cases fall in the southern tier of States following the pattern consistently observed for diphtheria in past years.

EPIDEMIOLOGICAL REPORTS

Murine Typhus – Rhode Island

A presumptive case of murine typhus has recently been reported from Rhode Island. The case occurred in a four year old white girl who also suffered from severe congenital heart disease. She entered Rhode Island Hospital in Providence on July 31 with a one-week history of fever, lethargy, anorexia, occasional vomiting and a macular erythematous rash on the lower leg which disappeared in three to four days. On admission many bite marks were noted on the body. In spite of antibiotic therapy for suspected subacute bacterial endocarditis, the child continued to run a low daily fever for several weeks. Multiple blood cultures and urine cultures were consistently negative. Antibiotic regimens included penicillin, streptomycin, and sulfa drugs.

On September 1, the fever spiked to 104 and an erythematous macular lesion developed on the upper

(Continued on page 8)

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 5, 1960 AND NOVEMBER 4, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Meningitis, aseptic	Brucellosis (undulant fever)
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	44th Week		Cumulative, first 44 weeks		44th Week		Cumulative, first 44 weeks		080.2		340 pt.	044
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES	36	88	1,169	2,886	21	65	751	1,997	13	11	67	8
NEW ENGLAND	2	4	31	218	2	4	21	171	-	-	5	-
Maine	1	-	4	43	1	-	4	42	-	-	-	-
New Hampshire	-	-	2	-	-	-	-	-	-	-	-	-
Vermont	1	2	6	9	1	2	5	4	-	-	-	-
Massachusetts	-	-	13	29	-	-	8	19	-	-	4	-
Rhode Island	-	1	1	102	-	1	1	78	-	-	1	-
Connecticut	-	1	5	35	-	1	3	28	-	-	-	-
MIDDLE ATLANTIC	10	15	311	429	8	10	209	302	1	3	3	1
New York	7	7	225	236	5	3	146	153	1	2	-	-
New Jersey	1	1	35	80	1	1	28	59	-	-	-	-
Pennsylvania	2	7	51	113	2	6	35	90	-	1	3	1
EAST NORTH CENTRAL	3	15	148	491	2	9	90	296	-	3	20	1
Ohio	1	1	43	112	-	-	19	57	-	-	1	-
Indiana	-	8	17	118	-	7	10	88	-	1	-	-
Illinois	2	4	32	137	2	2	15	90	-	1	7	1
Michigan	-	1	27	89	-	-	23	50	-	1	12	-
Wisconsin	-	1	29	35	-	-	23	11	-	-	-	-
WEST NORTH CENTRAL	1	6	69	167	-	5	30	98	1	1	6	2
Minnesota	-	1	6	53	-	1	6	44	-	-	6	-
Iowa	-	-	18	21	-	-	9	4	-	-	-	2
Missouri	1	5	23	41	-	4	6	30	1	1	-	-
North Dakota	-	-	4	14	-	-	1	5	-	-	-	-
South Dakota	-	-	1	4	-	-	-	1	-	-	-	-
Nebraska	-	-	8	15	-	-	4	8	-	-	-	-
Kansas	-	-	9	19	-	-	4	6	-	-	-	-
SOUTH ATLANTIC	11	24	205	530	2	19	146	419	9	3	7	-
Delaware	-	-	2	-	-	-	1	-	-	-	-	-
Maryland	9	8	40	141	-	7	30	127	9	1	-	-
District of Columbia	-	-	3	5	-	-	3	5	-	-	-	-
Virginia	-	3	12	37	-	3	10	34	-	-	5	-
West Virginia	1	5	31	55	1	3	21	45	-	1	1	-
North Carolina	-	1	21	82	-	1	11	62	-	-	-	-
South Carolina	-	2	33	126	-	2	25	84	-	-	-	-
Georgia	-	1	30	20	-	1	23	18	-	-	-	-
Florida	1	4	33	64	1	2	22	44	-	1	1	-
EAST SOUTH CENTRAL	2	5	79	231	2	1	46	93	-	-	5	1
Kentucky	-	4	27	128	-	-	5	5	-	-	-	-
Tennessee	-	1	19	44	-	1	9	29	-	-	-	1
Alabama	1	-	10	21	1	-	10	21	-	-	1	-
Mississippi	1	-	23	38	1	-	22	38	-	-	4	-
WEST SOUTH CENTRAL	3	4	143	263	2	4	77	164	1	-	5	1
Arkansas	1	-	19	30	-	-	8	22	1	-	2	-
Louisiana	1	1	50	48	1	1	39	29	-	-	-	1
Oklahoma	-	1	4	17	-	1	-	12	-	-	1	-
Texas	1	2	70	168	1	2	30	101	-	-	2	-
MOUNTAIN	-	7	44	84	-	6	25	44	-	-	-	-
Montana	-	1	4	21	-	1	2	15	-	-	-	-
Idaho	-	1	14	9	-	-	6	1	-	-	-	-
Wyoming	-	-	-	19	-	-	-	1	-	-	-	-
Colorado	-	4	7	19	-	4	7	18	-	-	-	-
New Mexico	-	-	3	5	-	-	-	2	-	-	-	-
Arizona	-	1	8	5	-	1	6	5	-	-	-	-
Utah	-	-	8	6	-	-	4	2	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	4	8	139	473	3	7	107	410	1	1	16	2
Washington	2	1	25	33	2	1	17	33	-	-	2	-
Oregon	1	1	17	34	-	1	8	19	1	-	1	1
California	-	6	92	397	-	5	77	349	-	1	13	1
Alaska	-	-	-	2	-	-	-	2	-	-	-	-
Hawaii	1	-	5	7	1	-	5	7	-	-	-	-
Puerto Rico	-	6	6	486	-	5	6	477	-	1	-	-

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 5, 1960 AND NOVEMBER 4, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

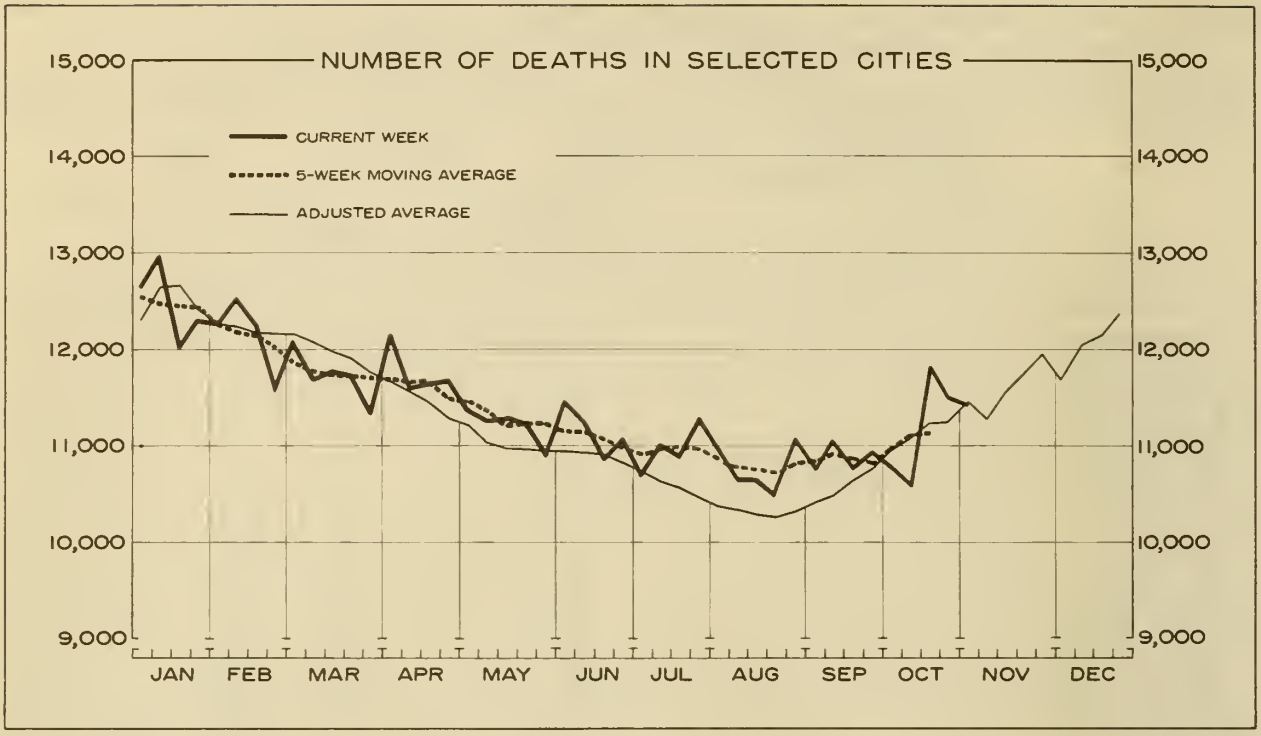
Area	Diphtheria 055				Encephalitis, infectious 082		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles 085	
	44th Week		Cumulative, first 44 weeks				44th Week		Cumulative, first 44 weeks			
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES	14	51	484	626	39	29	1,112	925	62,993	33,047	1,787	1,432
NEW ENGLAND	-	1	8	12	1	-	62	21	2,021	959	274	145
Maine	-	-	-	2	-	-	6	3	139	61	81	4
New Hampshire	-	-	-	-	-	-	5	-	179	27	21	1
Vermont	-	-	-	-	-	-	1	-	187	13	5	5
Massachusetts	-	1	7	9	1	-	36	7	843	474	126	96
Rhode Island	-	-	-	1	-	-	5	3	228	186	2	23
Connecticut	-	-	1	-	-	-	9	8	445	198	39	16
MIDDLE ATLANTIC	-	2	20	15	7	7	116	142	8,557	4,069	116	283
New York	-	1	7	4	5	3	54	80	3,675	2,232	76	135
New Jersey	-	-	-	2	-	3	35	12	2,023	284	31	36
Pennsylvania	-	1	13	9	2	1	27	50	2,859	1,553	9	112
EAST NORTH CENTRAL	-	1	16	40	7	2	239	183	12,547	5,919	269	369
Ohio	-	-	1	16	3	1	67	71	4,176	2,022	16	72
Indiana	-	-	2	6	-	-	30	16	1,862	664	-	19
Illinois	-	-	10	6	2	-	41	55	2,281	1,289	119	52
Michigan	-	1	3	10	2	1	100	36	3,913	1,733	75	96
Wisconsin	-	-	-	2	-	-	1	5	315	211	59	130
WEST NORTH CENTRAL	2	4	44	45	2	4	109	24	6,021	2,295	60	62
Minnesota	2	2	28	21	-	-	43	9	1,362	346	14	2
Iowa	-	1	2	8	-	-	34	2	1,776	372	6	23
Missouri	-	-	1	2	-	-	12	3	1,317	795	2	3
North Dakota	-	-	4	2	-	-	2	-	129	163	35	33
South Dakota	-	1	7	9	-	-	3	2	188	141	3	-
Nebraska	-	-	2	1	-	2	9	5	597	237	-	1
Kansas	-	-	-	2	2	2	6	3	652	241	NN	NN
SOUTH ATLANTIC	7	15	118	197	1	6	124	90	7,931	3,827	205	132
Delaware	-	-	-	-	-	-	-	5	176	228	-	2
Maryland	-	-	1	1	-	2	10	7	695	378	20	6
District of Columbia	1	-	3	-	-	-	6	2	121	49	1	-
Virginia	-	3	15	35	-	2	30	5	1,295	689	22	20
West Virginia	-	-	1	4	-	-	15	26	1,409	717	126	11
North Carolina	1	2	12	13	1	-	36	7	1,810	350	20	18
South Carolina	-	-	10	46	-	-	6	5	421	134	1	27
Georgia	5	1	36	34	-	-	4	11	694	251	4	1
Florida	-	9	40	64	-	2	17	22	1,310	1,031	11	47
EAST SOUTH CENTRAL	1	12	38	73	1	1	172	134	9,447	4,686	122	23
Kentucky	-	9	9	13	-	-	47	29	2,771	1,661	9	-
Tennessee	-	-	3	7	-	1	59	53	3,687	1,560	100	17
Alabama	-	1	19	28	-	-	20	35	1,627	1,027	8	6
Mississippi	1	2	7	25	1	-	46	17	1,362	438	5	-
WEST SOUTH CENTRAL	4	15	220	207	10	-	89	53	4,581	2,572	260	69
Arkansas	-	2	4	16	1	-	12	6	891	170	2	-
Louisiana	-	9	26	55	-	-	15	5	497	152	-	-
Oklahoma	-	1	9	19	2	-	9	3	312	307	82	-
Texas	4	3	181	117	7	-	53	39	2,881	1,943	176	69
MOUNTAIN	-	1	12	36	3	1	44	66	3,701	2,573	142	98
Montana	-	-	2	3	-	-	2	2	316	130	55	20
Idaho	-	-	-	11	-	-	4	8	277	285	32	20
Wyoming	-	-	-	5	-	-	-	-	150	29	-	2
Colorado	-	-	4	3	-	-	11	24	1,245	944	15	7
New Mexico	-	-	5	4	-	-	6	5	408	289	NN	-
Arizona	-	-	-	3	2	1	3	12	595	570	11	31
Utah	-	1	-	7	1	-	14	4	583	235	19	15
Nevada	-	-	1	-	-	-	4	11	127	91	10	3
PACIFIC	-	-	8	1	7	8	157	212	8,187	6,147	339	251
Washington	-	-	2	-	-	-	25	55	938	781	115	124
Oregon	-	-	-	-	-	-	25	23	1,283	983	44	35
California	-	-	2	-	7	7	98	107	5,521	4,088	135	86
Alaska	-	-	4	1	-	1	8	26	383	217	44	-
Hawaii	-	-	-	-	-	-	1	1	62	78	1	6
Puerto Rico	-	2	53	122	-	-	17	20	864	659	72	26

NN-Not Notifiable

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 5, 1960 AND NOVEMBER 4, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria 110-117	Meningoccocal infections 057		Psitta-cosis 096.2	Strepto-coccal sore throat, etc. 050,051	Typhoid fever 040				Typhus fever, endemic 101	Rabies in animals	
						44th Week		Cumulative, first 44 weeks				
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES	1	60	47	-	4,822	24	18	706	722	-	53	52
NEW ENGLAND	-	3	5	-	201	1	2	20	11	-	-	-
Maine	-	-	-	-	22	-	-	1	2	-	-	-
New Hampshire	-	-	-	-	4	-	-	-	-	-	-	-
Vermont	-	-	-	-	4	-	-	-	-	-	-	-
Massachusetts	-	1	-	-	55	1	1	14	5	-	-	-
Rhode Island	-	-	-	-	28	-	-	2	-	-	-	-
Connecticut	-	2	5	-	88	-	1	3	4	-	-	-
MIDDLE ATLANTIC	-	8	2	-	179	4	1	87	52	-	3	4
New York	-	2	1	-	119	1	1	46	32	-	2	4
New Jersey	-	5	-	-	31	-	-	17	6	-	-	-
Pennsylvania	-	1	1	-	29	3	-	24	14	-	1	-
EAST NORTH CENTRAL	-	21	11	-	345	3	2	89	93	-	9	5
Ohio	-	3	4	-	43	2	-	32	26	-	2	-
Indiana	-	2	1	-	64	-	1	20	24	-	3	1
Illinois	-	1	2	-	66	1	-	28	21	-	1	2
Michigan	-	15	2	-	107	-	1	6	15	-	2	1
Wisconsin	-	-	2	-	65	-	-	3	7	-	1	1
WEST NORTH CENTRAL	-	13	4	-	125	1	3	34	44	-	18	5
Minnesota	-	1	3	-	6	-	-	5	1	-	6	-
Iowa	-	-	-	-	32	-	2	2	11	-	5	3
Missouri	-	-	-	-	8	-	1	20	23	-	3	1
North Dakota	-	1	1	-	73	-	-	-	1	-	2	-
South Dakota	-	-	-	-	4	-	-	3	3	-	2	1
Nebraska	-	-	-	-	-	-	-	1	3	-	-	-
Kansas	-	11	-	-	2	1	-	3	2	-	-	-
SOUTH ATLANTIC	-	8	13	-	379	1	2	112	108	-	2	5
Delaware	-	2	-	-	2	-	-	1	1	-	-	-
Maryland	-	1	1	-	13	1	-	3	5	-	-	-
District of Columbia	-	2	-	-	1	-	-	11	8	-	-	-
Virginia	-	2	2	-	121	-	-	19	23	-	-	3
West Virginia	-	-	3	-	116	-	1	10	11	-	1	2
North Carolina	-	-	1	-	29	-	-	14	9	-	-	-
South Carolina	-	-	-	-	18	-	-	8	12	-	-	-
Georgia	-	-	5	-	-	-	-	34	26	-	-	-
Florida	-	1	1	-	79	-	1	12	13	-	1	-
EAST SOUTH CENTRAL	-	-	2	-	933	-	3	77	106	-	5	6
Kentucky	-	-	1	-	51	-	-	18	24	-	3	1
Tennessee	-	-	1	-	767	-	-	47	55	-	2	4
Alabama	-	-	-	-	37	-	2	10	21	-	-	1
Mississippi	-	-	-	-	78	-	1	2	6	-	-	-
WEST SOUTH CENTRAL	-	1	3	-	641	4	1	150	197	-	14	27
Arkansas	-	-	-	-	5	-	-	29	50	-	-	17
Louisiana	-	1	1	-	5	3	-	25	58	-	-	-
Oklahoma	-	-	-	-	10	-	-	12	12	-	-	-
Texas	-	-	2	-	621	1	1	84	77	-	14	10
MOUNTAIN	-	2	2	-	1,086	1	4	60	44	-	-	-
Montana	-	-	-	-	63	-	2	18	13	-	-	-
Idaho	-	-	-	-	85	-	-	1	3	-	-	-
Wyoming	-	-	-	-	41	-	-	3	4	-	-	-
Colorado	-	2	2	-	383	-	-	7	1	-	-	-
New Mexico	-	-	-	-	286	-	2	16	12	-	-	-
Arizona	-	-	-	-	149	1	-	9	9	-	-	-
Utah	-	-	-	-	78	-	-	2	2	-	-	-
Nevada	-	-	-	-	1	-	-	4	-	-	-	-
PACIFIC	1	4	5	-	933	9	-	77	67	-	2	-
Washington	-	-	1	-	306	-	-	7	5	-	-	-
Oregon	-	-	1	-	34	-	-	1	8	-	-	-
California	1	4	3	-	526	8	-	67	53	-	2	-
Alaska	-	-	-	-	29	-	-	-	1	-	-	-
Hawaii	-	-	-	-	38	1	-	2	-	-	-	-
Puerto Rico	-	1	-	-	2	1	-	19	19	-	2	-



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	44th week ended Nov. 4, 1961	43rd week ended Oct. 28, 1961	Adjusted average, 44th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 44 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES	11,418	11,517	11,455	-0.3	502,382	505,235	-0.6
New England (14 cities)	728	745	683	+6.6	30,866	31,751	-2.8
Middle Atlantic (20 cities)	3,201	3,196	3,140	+1.9	142,884	140,394	+1.8
East North Central (21 cities)	2,435	2,434	2,438	-0.1	107,328	109,342	-1.8
West North Central (9 cities)	839	744	842	-0.4	34,287	35,163	-2.5
South Atlantic (11 cities)	962	1,028	965	-0.3	43,456	43,278	+0.4
East South Central (8 cities)	490	521	521	-6.0	22,672	22,826	-0.7
West South Central (13 cities)	1,001	990	1,048	-4.5	43,011	44,008	-2.3
Mountain (8 cities)	379	377	353	+7.4	16,076	15,846	+1.5
Pacific (13 cities)	1,383	1,482	1,465	-5.6	61,802	62,627	-1.3

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	44th week ended Nov. 4, 1961	43rd week ended Oct. 28, 1961	Cumulative, first 44 weeks	
			1961	1960
NEW ENGLAND:				
Boston, Mass.	242	244	10,596	11,078
Bridgeport, Conn.	42	39	1,678	1,795
Cambridge, Mass.	35	29	1,289	1,363
Fall River, Mass.	36	31	1,206	1,241
Hartford, Conn.	46	60	2,120	2,149
Lowell, Mass.	22	29	1,066	1,048
Lynn, Mass.	20	20	953	1,069
New Bedford, Mass.	24	23	1,136	1,074
New Haven, Conn.	42	62	2,005	1,967
Providence, R.I.	69	67	2,726	2,810
Somerville, Mass.	18	10	580	577
Springfield, Mass.	51	47	1,944	1,983
Waterbury, Conn.	22	26	1,164	1,207
Worcester, Mass.	59	58	2,403	2,390
MIDDLE ATLANTIC:				
Albany, N.Y.	53	46	2,019	1,892
Allentown, Pa.	30	31	1,505	1,522
Buffalo, N.Y.	132	133	6,376	6,340
Camden, N.J.	35	41	1,851	1,860
Elizabeth, N.J.	35	40	1,308	1,284
Erie, Pa.	52	45	1,717	1,696
Jersey City, N.J.	51	82	3,031	3,121
Newark, N.J.	100	90	4,461	4,271
New York City, N.Y.	1,614	1,640	72,919	71,669
Paterson, N.J.	40	40	1,708	1,676
Philadelphia, Pa.	502	500	22,258	21,401
Pittsburgh, Pa.	228	165	8,428	8,448
Reading, Pa.	28	24	1,030	1,047
Rochester, N.Y.	113	106	4,442	4,423
Schenectady, N.Y.	27	15	1,065	1,029
Scranton, Pa.	28	35	1,548	1,648
Syracuse, N.Y.	44	67	2,671	2,735
Trenton, N.J.	36	43	1,970	1,807
Utica, N.Y.	18	29	1,227	1,190
Yonkers, N.Y.	35	24	1,350	1,335
EAST NORTH CENTRAL:				
Akron, Ohio	62	55	2,515	2,484
Canton, Ohio	33	39	1,373	1,523
Chicago, Ill.	742	734	32,477	33,706
Cincinnati, Ohio	147	164	6,844	6,893
Cleveland, Ohio	181	210	8,895	9,281
Columbus, Ohio	105	105	5,006	5,180
Dayton, Ohio	86	73	3,514	3,309
Detroit, Mich.	327	305	14,535	14,894
Evansville, Ind.	30	45	1,591	1,618
Flint, Mich.	47	44	1,869	1,766
Fort Wayne, Ind.	45	37	1,670	1,609
Gary, Ind.	35	34	1,352	1,356
Grand Rapids, Mich.	40	35	1,977	1,796
Indianapolis, Ind.	138	172	6,265	6,382
Madison, Wis.	42	34	1,433	1,399
Milwaukee, Wis.	128	131	5,404	5,469
Peoria, Ill.	35	25	1,246	1,347
Rockford, Ill.	28	25	1,245	1,261
South Bend, Ind.	23	26	1,253	1,294
Toledo, Ohio	94	84	4,320	4,365
Youngstown, Ohio	67	57	2,544	2,410
WEST NORTH CENTRAL:				
Des Moines, Iowa	55	47	2,370	2,417
Duluth, Minn.	23	26	1,126	1,111
Kansas City, Kans.	41	37	1,655	1,540
Kansas City, Mo.	136	99	5,611	5,522
Lincoln, Nebr.	(31)	(16)	(1,218)	(1,144)
Minneapolis, Minn.	118	118	5,183	5,488
Omaha, Nebr.	78	64	3,047	3,247
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.	287	256	10,381	10,761
St. Paul, Minn.	69	53	2,885	3,052
Wichita, Kans.	32	44	2,029	2,025
SOUTH ATLANTIC:				
Atlanta, Ga.	100	132	4,988	5,147
Baltimore, Md.	240	247	10,773	11,049
Charlotte, N.C.	36	42	1,590	1,706
Jacksonville, Fla.	56	65	2,541	2,594
Miami, Fla.	81	71	3,319	3,157
Norfolk, Va.	40	50	2,171	1,756
Richmond, Va.	69	88	3,397	3,406
Savannah, Ga.	39	25	1,434	1,469
St. Petersburg, Fla.	(61)	(69)	(2,951)	(3,079)
Tampa, Fla.	55	52	2,885	2,868
Washington, D.C.	208	213	8,616	8,462
Wilmington, Del.	38	43	1,742	1,664
EAST SOUTH CENTRAL:				
Birmingham, Ala.	75	102	3,748	3,690
Chattanooga, Tenn.	54	51	2,058	2,073
Knoxville, Tenn.	23	30	1,198	1,239
Louisville, Ky.	101	92	4,950	5,024
Memphis, Tenn.	104	118	4,960	4,846
Mobile, Ala.	37	31	1,771	1,809
Montgomery, Ala.	43	34	1,415	1,524
Nashville, Tenn.	53	63	2,572	2,621
WEST SOUTH CENTRAL:				
Austin, Tex.	27	31	1,486	1,483
Baton Rouge, La.	30	37	1,236	1,258
Corpus Christi, Tex.	19	28	957	1,031
Dallas, Tex.	146	121	5,488	5,463
El Paso, Tex.	36	38	1,541	1,663
Fort Worth, Tex.	71	45	2,832	2,929
Houston, Tex.	191	178	7,289	7,401
Little Rock, Ark.	58	67	2,480	2,499
New Orleans, La.	168	158	7,388	7,811
Oklahoma City, Okla.	72	73	3,236	3,295
San Antonio, Tex.	98	93	4,455	4,406
Shreveport, La.	34	59	2,208	2,369
Tulsa, Okla.	51	62	2,415	2,400
MOUNTAIN:				
Albuquerque, N. Mex.	36	27	1,383	1,378
Colorado Springs, Colo.	22	20	728	733
Denver, Colo.	115	132	5,088	5,262
Ogden, Utah	25	23	737	730
Phoenix, Ariz.	66	74	3,600	3,336
Pueblo, Colo.	17	17	744	722
Salt Lake City, Utah	62	46	2,116	2,130
Tucson, Ariz.	36	38	1,680	1,555
PACIFIC:				
Berkeley, Calif.	16	11	755	746
Fresno, Calif.	(50)	(43)	(1,902)	(1,909)
Glendale, Calif.	(38)	(41)	(1,466)	(1,638)
Honolulu, Hawaii	33	42	1,765	1,797
Long Beach, Calif.	59	44	2,432	2,381
Los Angeles, Calif.	495	553	21,862	22,041
Oakland, Calif.	97	106	4,257	4,199
Pasadena, Calif.	31	27	1,455	1,509
Portland, Oreg.	85	127	4,669	4,801
Sacramento, Calif.	63	67	2,717	2,544
San Diego, Calif.	90	98	3,923	4,001
San Francisco, Calif.	193	205	8,526	8,690
San Jose, Calif.	(32)	(35)	(1,528)	(1,528)
Seattle, Wash.	143	128	5,710	6,031
Spokane, Wash.	45	44	2,064	2,102
Tacoma, Wash.	33	30	1,667	1,785
San Juan, P. R.	(23)	(29)	(1,462)	(1,553)

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

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extremities. She continued to show daily temperature spikes to 101 and 102 for the next two weeks. On September 20 febrile agglutinins were run and a titer of 1:80 for Proteus OX-19 was reported. This was repeated on September 28 at which time the Proteus OX-19 was 1:640. The child was clinically well by the end of September and was discharged from the hospital. There is no clear explanation for the late rise in titer against Proteus OX-19.

Investigation revealed that the child and her mother, who is separated from her husband, had lived in a series of rooming houses; the mother more or less neglected the child during the day while she was at work. The child had as pets two guinea pigs which were poorly cared for and which reportedly had many fleas. One rooming house landlady reported that a "plague" of bed bugs were found in the mother's room and required professional extermination. Generally speaking, the rooming houses in which the child and mother lived were clean and well maintained. However, they were located in an older portion of the city. Nearby housing reconstruction has produced noticeable migrations of rat populations. It is likely the typhus was transmitted from rat fleas or guinea pig fleas to the child.

(Reported by Raymond F. McAteer, M.D., Acting Medical Director, Communicable Disease Control, Rhode Island Department of Health.)

INTERNATIONAL NOTES – QUARANTINE MEASURES

The 1961 edition of the PHS Booklet 384 "Immunization Information for International Travel" is on sale at the Superintendent of Documents, Washington 25, D.C. Cost is 25¢ per copy. There is a 25 percent discount for 100 copies delivered to the same address. The booklet has 84 pages.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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